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(72) Inventors:
 • **Watari, Yukihiro, Japan Storage Battery Co., Ltd.**
Kyoto-shi, Kyoto (JP)
 • **Aoki, Takashi, GS-Melcotec Co., Ltd.**
Kisshoin, Minami-ku, Kyoto-shi, Kyoto (JP)

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(74) Representative: **Grünecker, Kinkeldey,**
Stockmair & Schwanhäusser Anwaltssozietät
Maximilianstrasse 58
80538 München (DE)

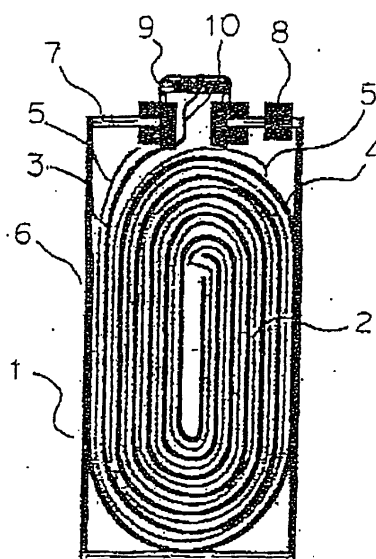
(71) Applicants:
 • **Japan Storage Battery Company Limited**
Minami-ku Kyoto-shi Kyoto (JP)
 • **SANYO GS Soft Energy Co., Ltd.**
Kyoto (JP)

(54) **Separator for nonaqueous secondary battery and nonaqueous secondary battery using the same**

(57) The present invention provides a nonaqueous secondary battery and a separator to be used therein. The separator comprises a polyolefin membrane containing one or more conjugated polyene compounds

provided on the surface thereof. The nonaqueous secondary battery having this arrangement performs improved cycle life characteristics and shelf characteristics at high temperatures.

FIG. 1





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EUROPEAN SEARCH REPORT

Application Number
EP 01 10 8201

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A	PATENT ABSTRACTS OF JAPAN vol. 0062, no. 18 (E-139), 2 November 1982 (1982-11-02) & JP 57 121169 A (MEIDENSHA KK), 28 July 1982 (1982-07-28) * abstract * -----	1-10	TECHNICAL FIELDS SEARCHED (Int.Cl.7) H01M
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The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 21 July 2004	Examiner Götz, H
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
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